SUMMARY.

1908.

Pt Cldy

\* Calling at Manlia.

13.....82

19.....80

30 . . . . . . 61

31.....81

72

Mean...81.0 71.8 76.40.16

ATMOSPHERIC PRESSURE.

(Reduced to sea level; Inches and

hundredths.)

TEMPERATURE,

Highest, 84; date, 22nd; lowest, 68;

Greatest daily range, 12; date, 8th.

Mean for this month in 1890, 78;

1891, 79; 1892, 78; 1893, 77; 1894, 76;

1895, 78; 1896, 78; 1897, 78; 1898, 77;

1899, 78; 1900, 79; 1901, 78; 1902, 78;

1903, 78; 1904, 78; 1905, 77; 1906, 78;

PRECIPITATION.

cipitation in 24 nours, 0.09; date, 7th-

1884, 1.38; 1885, 5.20; 1886, 1.19; 1905,

ed with average of 22 years, -1.21.

Average rel, humidity, 66.4 pct.

WIND.

movement, 6210 miles; average hour-

ly velocity, 8.3; maximum velocity (for

Accumulated deficiency since Janu-

precipitation this month

Mean of this month for 19 years, 77.7.

1907, 78; 1906, 76.

for 19 years, 88.

for 19 years, 63.

years, -1.3.

Total

ry 1, -3.78.

Least daily range, 7; date, 15th.

22nd; lowest, 29.95; date, 29th.

# Oceanic Steamship Company SHIPPING INT

## Alameda Schedule

Manicua	DOMONGIO
ARRIVE HONOLULU.	LEAVE HONOLULU.
ALAMEDASEPT. 11	ALAMEDAOCTOBER 7 ALAMEDAOCTOBER 23
	Carried Control of Con

On and after June 24th, 1908, the SALOON RATES between Honolulu and San Francisco will be as follows:

ROUND TRIP, \$110.00. SINGLE FARE, \$65,00.

In connection with the sailing of the abo"e steamers, the Agent, are prepared to issue to intending passengers coupon through tickets sy any ratiroad from San Francisco to all points in the United States and from New York by steamship line to all European Ports. FOR FURTHER PARTICULARS, APPLY TO

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AODANGIAUGUST 22	MANUKAAUGUST 19

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ALASKAN ......TO SAIL SEPT. 14 ALASKAN ...... TO SAIL AUGUST 30 VIRGINIAN....TO SAIL OCTOBER 5 VIRGINIAN......TO SAIL SEPT. 20 FROM SAN FRAN, TO HONOLULU ARIZONAN ......TO SAIL SEPT. COLUMBIAN ..... TO SAIL SEPT. 23

Freight received at Company's wharf

HONOLULU.

H. HACKFELD & CO., LTD., Agents, Honolulu.

C. P. Morse, General Freight Agent.

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breamers of the above companies will call at Honolulu and leave this pa t on or about the dates mentioned below:

But a ou monda and	
FOR THE ORIENT.  MANCHURIA	TENYO MARU

FOR FURTHER INFORMATION APPLY TO

## H. HACKFELD & CO. LTD

# MATSON NAVIGATION COMPANY

				27.00	Tarana Mana
			CONTRACTOR - CONTR	Honolulu.	Leave Hono
S.	S.	HILONIAN	SEPT.	2ND.	SEPT
S.	S.	HILONIAN	SEPT.	30TH	OCT.
S	S.	HILONIAN	OCT.	28TH	NOV.
S.	S	HILONIAN	NOV.	25TH	DEC.
S.	S.	HILONIAN	DEC.	23RD	DEC.

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TIDES, SUN AND MOON. Last Quarter of the Moon, Aug. 18th 6:05 1.3 6:15 0:03 12:28 5:44 6:14 9:3 7:30 1.4 6:50 0:40 1:35 5:44 6:13 10:14 2 8:85 1.5 7:07 1:18 8:20 5:44 6:12 10:50 2 9 55 1.5 8:30 2:05 6:00 5:45 6:11 11:41

4 11:10 1.6 10:45 3:20 7:18 5:45 6:10

P. M. 5 12:10 1.8 --- 4:30 8:00 5:45 6:09 0:33

6 1:05 19 0:30 5:40 8:38 5:45 6:09 1:32 Times of the tide are taken from the . S. Coast and Geodetic Survey tables. The tides at Kahului and Hilo Honolulu, Honolulu standard time is 10 hours 30 minutes slower than Greenwich time, being that of the meridian of 157 degrees 30 minutes. The time whistle blows at 1:30 p. m. which is MANUKA ......SEPT. 19 MARAMA ......SEPTEMBER 15 the same as Greenwich, 0 hours, 0 min-MARAMA..... OCTOBER 16 AORANGI...... OCTOBER 14 utes. The Sun and Moon are for local 18.....79 time for the whole group.

## **21.....82**

# Shipping in Port

でなる方のでするるでのでは U. S. S. Iroquois ,Moses, station tug, 27,.....81

Jap. traning ship Tasei Maru, Furu- 29.....82 ya, Aug. 25. (Sailing vessers.) Br. bk. Carracale, Smith, Newcastle,

July 20. Ger. sp. Alexander Isenberg, Behring, Hamburg, Aug. 1s. Am. bk. Andrew Welch, Kelley, S.

# REFERENCE REFERENCE DE LE REFERENCE DE L'ANDRE DE L'AND

### The Mails RETURNITION OF THE PROPERTY OF THE PARTY OF

INCOMING. From S. F., Nippon Maru, Sept. 5. From S. F., Hilonian, Sept. 2. From S. F., Texan, Sept. 3. From Orient, Tanyo Maru, Sept. 9. OUTGOING.

For S. F., Hilonian, Sept. 8. For S. F., Tenyo Maru, Sept. 9. For Orient, Nippon Maru, Sept. 5.

U. S. A. TRANSPORTS. Thomas left iron, for Manila, July 15. Logan at San Fran. Buford at S. F.

Dix left Hon. for Seattle, Aug. 26. Sherman at S. F. Warren at Manila. 2 Crook at Nome.

Sheridan left Hon., for Manila, Aug. 13.

ARRIVING.

Monday, August 31. U. S. N. Collier Saturn, from San Francisco, 2 p. m.

Monday, August 31. P .M. S. S. Manchuria, for Orient,

Tuesday, September 1. S. S. Lurline, for San Francisco, 10

S. S. Mauna Kea, for Hilo and way ports, noon.

S. S. Mauna Loa, for Hawaii and Maui, noon S. S. W. G. Hall, for Kauai, 5 p. m.

S. S. Mikahala, for Maui and Molokai

### DEPARTED.

Per P. M. S. S. Manchuria for Orient, Aug. 31-Keio baseball team, A. Mason ,wife and child, Miss K. Wight,

l	Date.	Name.	From.
ľ	Sept. :	2-HilonianSan	Francisco
ŀ	1	3—TexanSan	Francisco
ŀ	1	5-Nippon Maru. San	Francisco
ľ	1	-Tenyo Maru	Yokohama
ı	11	I—AlamedaSan	Francisco
ŀ	11	5—AsiaSan	Francisco
ľ		5—Marama	
ı	1	7-VirginianSan	Francisco
ı		9-Manuka	
ı	2	1-MongoliaSan	Francisco
ŀ	2	1—Korea	Yokohama
١	2	2-LurlineSan	Francisco
ı			

22-	-LurlineSan	Francisco
Date.	Name.	For.
pt. 1-	-LurlineSan	Francisco
5-	-Nippon Maru	Yokohama
8-	-HilonianSan	Francisco
	-Tenyo MaruSan	
15-	-Asia*	Yokohama
	-Marama	
	-Alameda,San	
19-	-AlaskanSan	Francisco

Journal of Commerce, of Liverpool Eng., some time ago asked that gra-mophones of good callbre should be supplied to ships engaged in deep-U. S. A. transports will leave for water trades, in order that the crews San Francisco and Manila, and will should be thus enabled to hear a few arrive from same ports at irregular good songs and enjoy a dance in the dog-watch when the ropes are colled up and decks swept down, or at such U. S. DEPARTMENT OF AGRICULtimes as may be convenient. Well, TURE, WEATHER BUREAU, men in shore employment have their MONTHLY METEOROLOGICAL nights to do as they please with, and there are many good entertainments Station, Honolulu, f. H.; month, July, open to them, either provided by philanthropic persons, or to which en-Temperature. Precipita- Ch't'r trance is obtained by payment of a Date. Max. Min. Mean, tion, of day, few cents. They may attend secular Pt Cldy or religious feasts of reason and flow Pt Cldy of soul, at their own option, but the Cloudy sailorman, as a genral rule, has net-Pt Cldy ther. The forecastle Ananias soon Pt Cldy spins his yarns to a finish, many of Cloudy cient mariners and just embroidered Pt Cldy

which have come down from the anupon to sult the occasion, and even the boss chanty man is not necessarily a singer, although his raucous notes do very well either at the capstan, the pumps, or at rope-hauling in general, Hence the resting times of the seaman, in the pleasant weather of the trade wind areas are not nearly so profitably employed as they might be. All work and no play, according to the old adage, makes shore Jack a dull boy, and this expression of the philosophy of the people applies even more oppropriately to seafaring Jack with nothing in sight save sea and

Pt Cldy LOS ANGELES, Aug. 24.—According to reports made by Los Angeles merchants the American-Hawaiian steamship line, which will deliver a shipment of a thousand tons of genral Pt Cldy merchandise from New York and Phi-Pt Cldy ladelphia when the steamer Navadan arrives at San Pedro this week, is providing a competition by rail and water that promises to solve many troubles of transcontinental transportation, and is regarded as significant indica-Mean, 20.05; highest, 30.11; date, tion of what may be expected when the Panama canal is completed.

The rail and water service via the Tehnantepec Railroad is now patronfized by Los Angeles firms to the extent of 100 tons of a month, although the first shipments were made but a few months ago. In addition to the advantage of lower rates, it is contended that the time, varying from nineteen to thirty days, compares favorably with the all-rail route.

PHILADELPHIA, August 18.-A Absolute maximum for this month motley crowd of seafarers, constitut-Abscolute minimum for this month ing the crew of the ship Edward Sewall, now discharging a cargo of su-Average daily deficiency of this gar at the Spreckels sugar refinery month as compared with mean of 19 from the Hawaiian Islands has just been paid off and discharged by United States Shipping Commissioner Total this month, 0.16; greatest pre- Smith. Besides English Americans

### (Continued on Page Five.)

1877, 0.85; 1878, 0.63; 1879, 1.72; 1880, five minutes) 25 miles per hour, from

6.03; 1881, 1.62; 1882, 0.34; 1883, 1.14; NE. on 21st. WEATHER. 0.98; 1906, 1.42; 1907, 097; 1908, 0.16.

Number of days, clear, 1; partly

Average of this month for 22 years, cloudy, 26; cloudy, 4; on which .01 inch, or more, of precipitation occur-Deficiency of this month as compar- red ,6.

MISCELLANEOUS PHENOMENA. (Dates of). Auroras, none, halos: solar, none;

lunar, 10th; hail, none; thunderstorms, Prevailing direction, NE.; total "T" indicates trace of precipitation.

WM. B. STOCKMAN, Section Director, Weather Bureau

FOR THE WEEK ENDED AUGUST 22, 1908. Honolulu, August 24, 1908. GENERAL SUMMARY.

The mean temperatures were generally slightly lower than those Phone G. L. Allen, Jr., P. F. Gibson and wife, of the preceding week-higher means being reported from the Hama-Tang Phong, wife and child, Mrs. Rob- kualoa, Hana and portions of the Wailuku districts of Maui, the Kona, ert White, Mr. Emile White, Mrs. H. Puna and the central portion of the Hilo districts of Hawaii, and the G. Prouse, Mrs. M. Bisney, J. F. Mac-Donald, A. C. Braden, W. Hauffe, E. Donald, A. C. Braden, W. Hauffe, B. C. Braden, W. Hauffe, E. Donald, A. C. Braden, W. Hauffe, E. Donald, A. C. Braden, W. Hauffe, B. C. Braden, W. C. Braden, deg. to 3.9 deg. were reported from the Kau, eastern Puna and portions of the Hilo districts of Hawaii, the central portion of the Wailuku district of Maui, the Waianae district of Oahu, and the Koolau and western portion of the Kona districts of Kauai.

The rainfall was below the average of ten or more years at all stations on Oahu, and Kauai, and in the Kona, Kau, Puna and the southern and central portions of the Hilo districts of Hawaii; and above the average in the Kohala, Hamakua and extremely northern portion of the Hilo districts of Hawaii.

The changes, in inches, in the several districts were: Hawaii-Kohala and Hamakua +0.77 to +1.10, extreme northern Hilo +1.45, central and southern Hilo -0.08 to -2.14, Puna and Kona -0.18 to -0.23, and Kau -0.78; Oahu -0.13 to -0.38, and Kauai -0.16 to

The total rainfall, in inches, for the week in the several districts was: Hawaii-Kohala 1.53 to 2.18, Hamakua 2.40, Hilo 1.20 to 4.23, Puna 1.51 to 3.02, Kau 0.14, and Kona 1.63; Maui-Koolau 2.61 to 5.13; Hamakualoa 0.43, Hamakuapoko 1.59, Hana 2.22, Kula 0.06, Wailuku 0.00, and Lahaina 0.03; Oahu—Koolauloa 018, Koolaupoko 0.05 to 1.06, Honolulu (lower levels) 0.01, and Waianae and Ewa (lower altitudes) 0.00; Kauai—Koolau and Puna 0.16 to 0.31 and Kona 0.06 to 0.20; and Molokai 0.20.

The rainfall was less than during the preceding week at all stations on Molokai, Kauai and Oahu, in all districts of Maui, excepting the Hamakualoa and Hana, and in the central portion of the Hilo district of Hawaii; elsewhere there was more rain.

The excesses over last week in the several districts were; Hawaii-Kohala 0.38 to 0.59, Hamakua 1.43, northern and southern Hilo 0.75 to 2.43, Puna 1.12 to 1,61, Kau 0.14, and Kona 1.03, and Maui-Hana 19-Manuka ...........Colontes 1.94, and Kula 0.06; and the deficiencies: Hawaii-central Hilo 0.18 to 21-Mongolia .......Yokohama 0:26; Maui-Koolau and Lahaina 0.04 to 0.11, Hamakuapoko and Ha-

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makualoa 0.65 to 0.87, and Wailuku 0.00 to 0.16; Oahu-Waianae, Ewa, Koolaulca and Honolulu 0.09 to 0.56, and Koolaupoko 0.59 to 1.86; Kauai-Koolau 1.38, Puna 0.72 to 0..92, eastern Kona 1.97 and western Kona 0.06; and Molokai 0.45.

The following table shows the weekly averages of temperature and rainfall for the principal Islands and for the Group:

Temperature. Rainfall. 73.1 deg. 2.24 inches. 75.0 deg. 1.00 inch. 76.2 deg. 0.18 inch. 76.4 deg. 0.20 inch.

74.9 deg. 1.27 inches. At the local office of the U. S. Weather Bureau in Honolulu, clear to partly cloudy weather prevailed, with .o1 inch of rainfall, .34 below the weekly normal, and .56 less than during the preceding week. The maximum temperatu.re was 84 deg., minimum 71deg ., and mean 77.0 deg., 1.8 deg. below the normal, and 0.2 deg. lower than last week's. The mean daily humidity ranged from 64 per cent to 73 per cent, and for the week the mean was 67.9 per cent. Northeasterly winds obtained on each day, with an average hourly velocity of 7..4 miles. The mean daily barometer ranged from .or to .oo inch above the normal, and the mean for the week, 30.01 inches, was .03 inch above.

### U. S. DEPARTMENT OF AGRICULTURE. WEATHER BUREAU.

The following data, covering a period of 33 years, have been compiled from McKibbin and the Weather Bureau records at Honoullu, T. H. They are issued to show the conditions that have prevailed, during the month in quustion, for the above period of years, but must not be construed as a forecast of the weather conditions for the com-

Month of September for 33 years.

TEMPERATURE. (1890-1907) 18 years. Mean or normal temperature, 78 deg.

The warmest month was that of 1891, with an average of 80 deg.

The coldest month was that of 1905, with an average of 77 deg. The highest temperature was 88 deg. on the 9th and 16th, 1890; 29, 891; 14th, 1892; 10th, 1896; 12, 1900. The lowest temperature was 65 deg. on the 15th, 1890.

PRECIPITATION. (Rain, 1877-94, 1904-7.) 21 years. Average for the month, 1.22 inches.

Average number of days with .or of an inch or more, 14. The greatest monthly precipitation was 2.95 inches in 1888. The least monthly precipitation was 0.30 inch in 1907.

hours was 1.27 inches on the 8th, 1888. RELATIVE HUMIDITY...

Average, 9 a. m., 65 per cent; 8 a. m., 68 per cent.; average 9 p. n., 72 per cent (1893-1903); 8 p. m., 72 per cent (1904-7).

The greatest amount of precipitation recorded in any 24 consecutive

CLOUDS AND WEATHER, (1890-1907). 18 years. Average number of clear days, 14; partly cloudy days, 14; cloudy

WIND. Direction, 23 ears. Velocity, 3 years. The prevailing winds are fro mthe NE. (1875-94, 1904-7). The average hourly velocity of the wind is 7.8 miles (1904-7). The highest velocity of the wind was 28 miles from the N. E. on

the 18th, 1905 (1904-7). Station: Honolulu, T. H.

Date of issue: Aug.ust 31, 1908. \* 9 o'clock averages from records of Territorial Meteorologist; 8 o'clock averages from Weather Bureau records.

WM. B. STOCKMAN, Section Diector, Weather Bureau.